

34-1
44880

FIG. 1

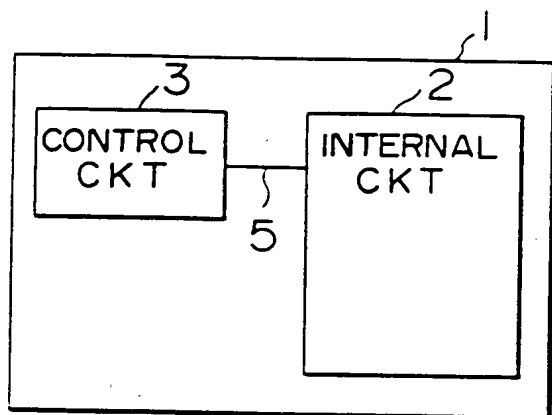


FIG. 4

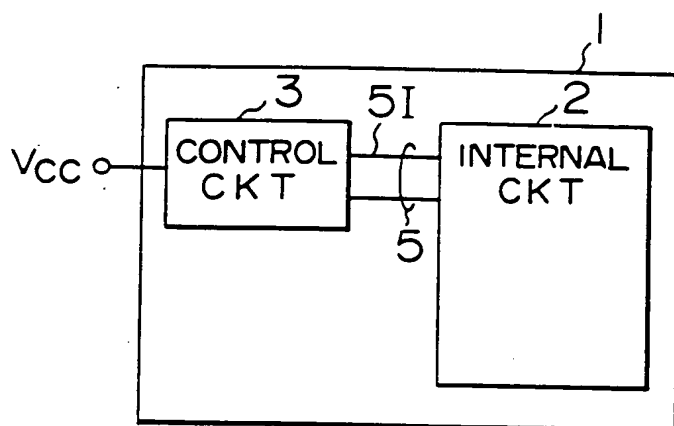


FIG. 2

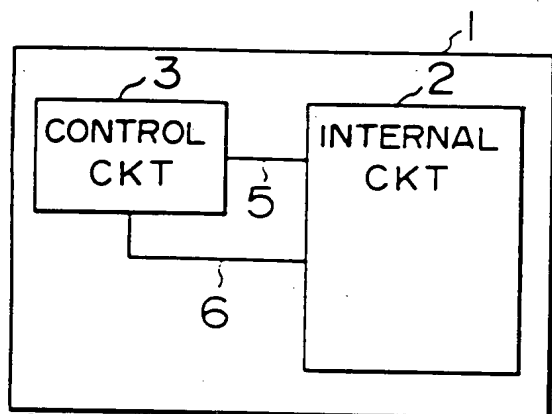


FIG. 5

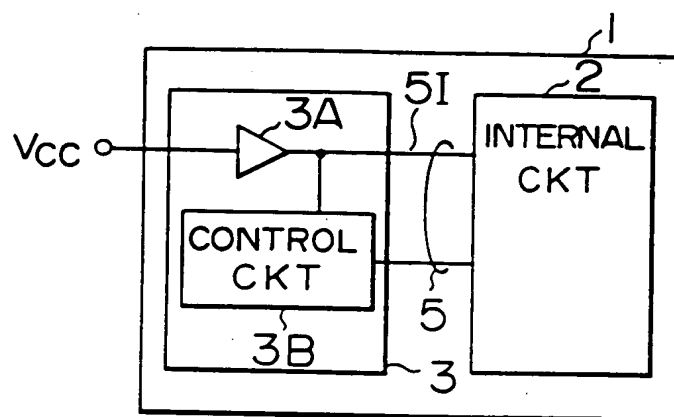
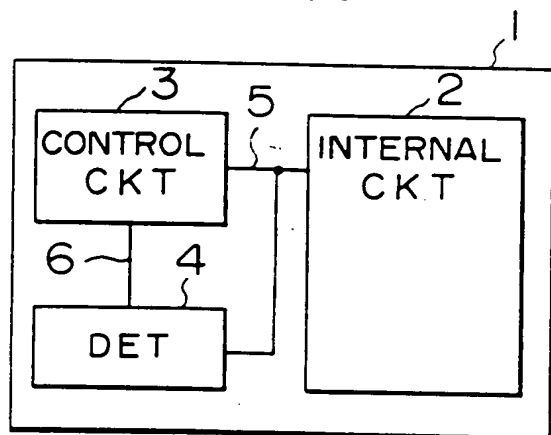


FIG. 3



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FIG. 6

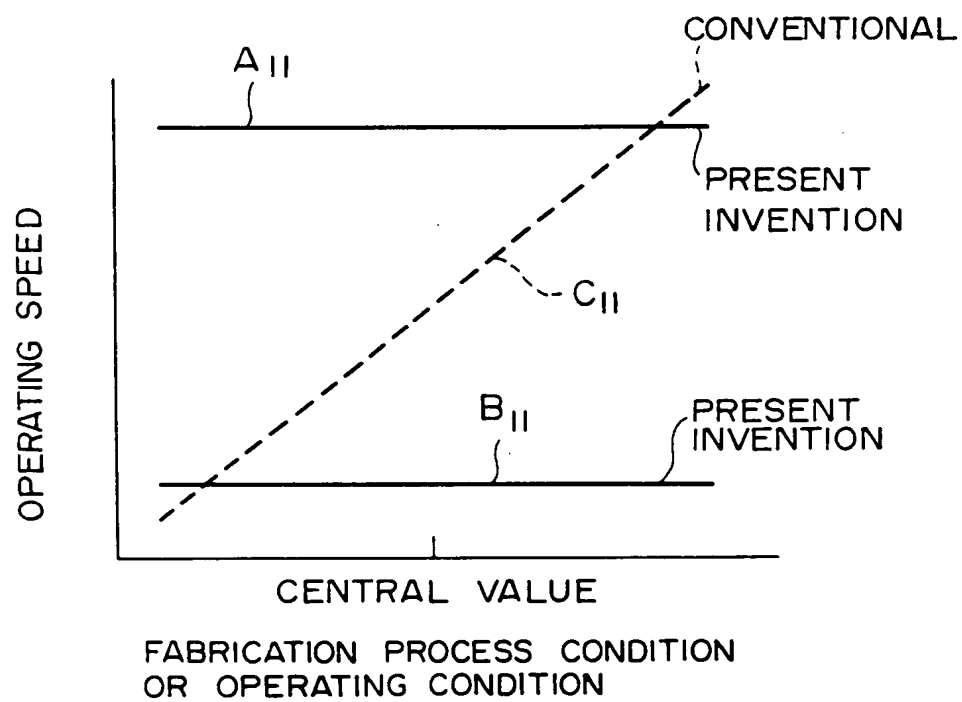


FIG. 7A

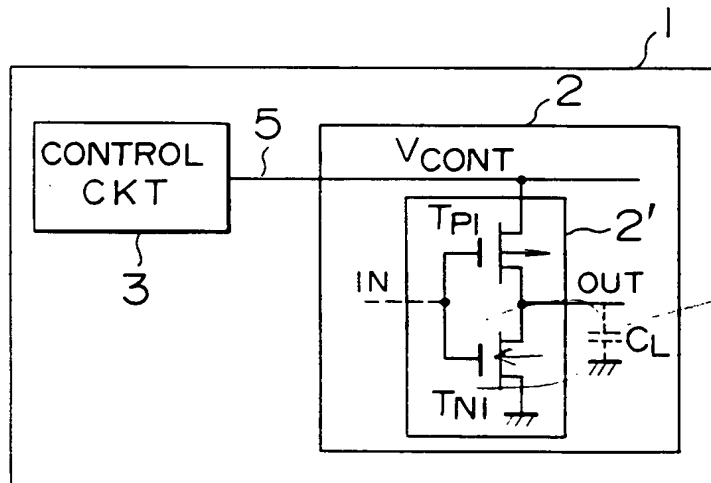
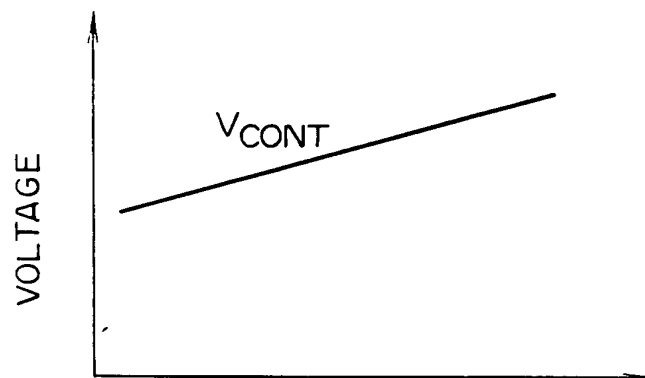


FIG. 7B



L_g (GATE LENGTH)

V_T (THRESHOLD VOLTAGE)

t_{ox} (THICKNESS OF GATE OXIDE FILM)

$1/\beta_0$ (CHANNEL CONDUCTANCE)

T (TEMPERATURE)

C_L (CAPACITANCE)

FIG. 8

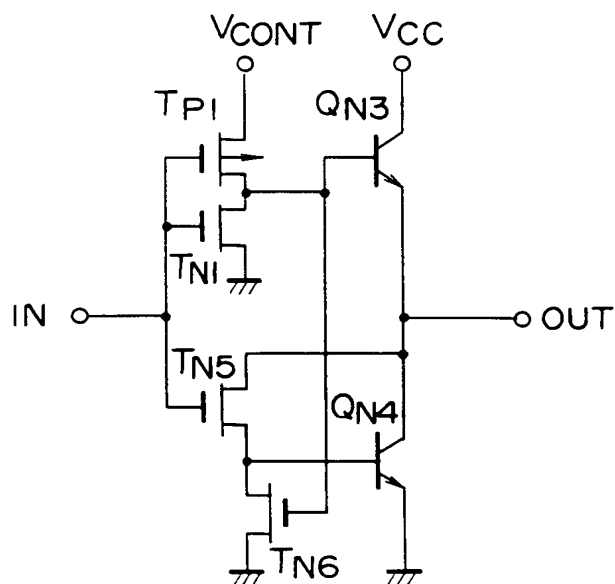


FIG. 9

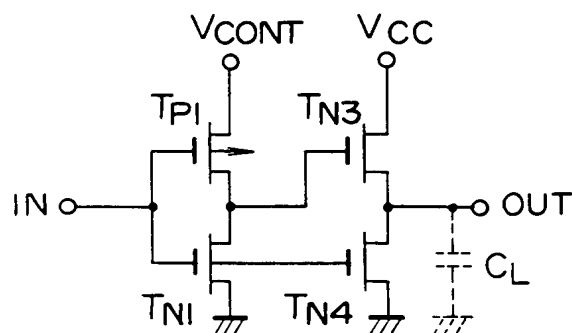


FIG. 10

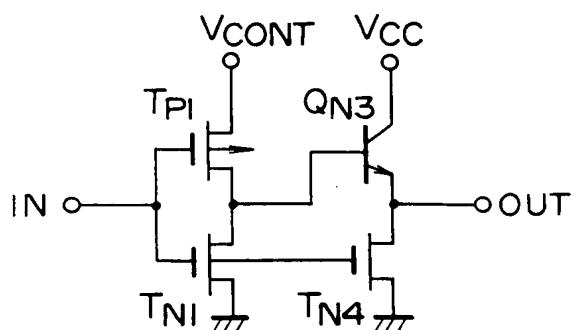


FIG. IIA

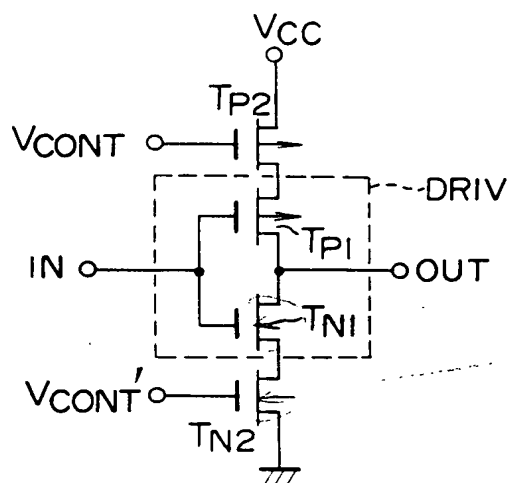
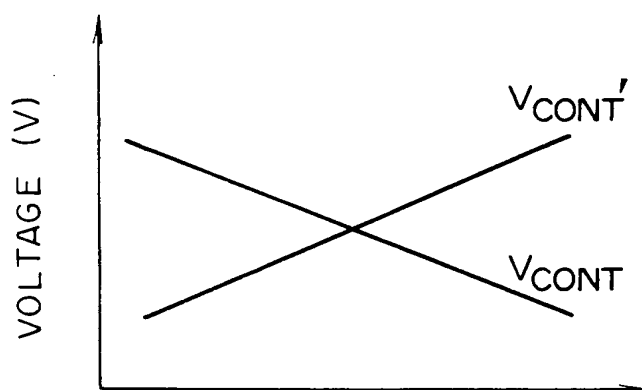


FIG. IIB



L_g (GATE LENGTH)

V_T (THRESHOLD VOLTAGE)

t_{ox} (THICKNESS OF GATE OXIDE FILM)

$1/\beta_0$ (CHANNEL CONDUCTANCE)

T (TEMPERATURE)

C_L (CAPACITANCE)



FIG. 13

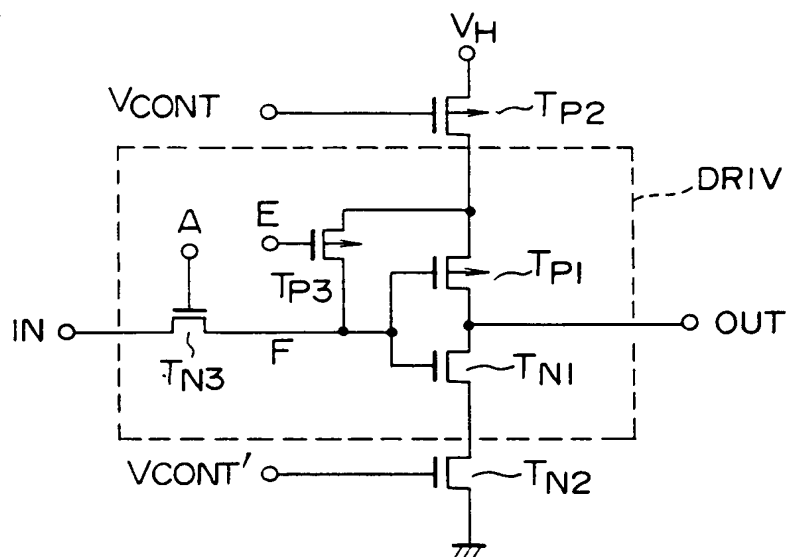


FIG. 14

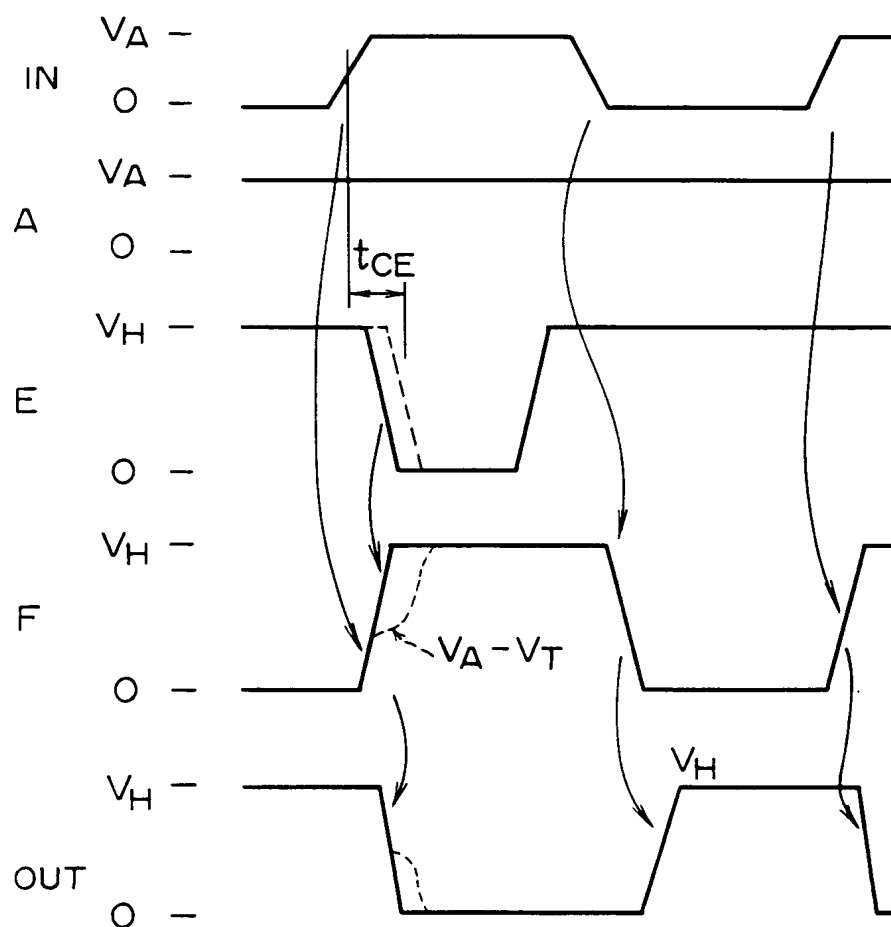


FIG. 15

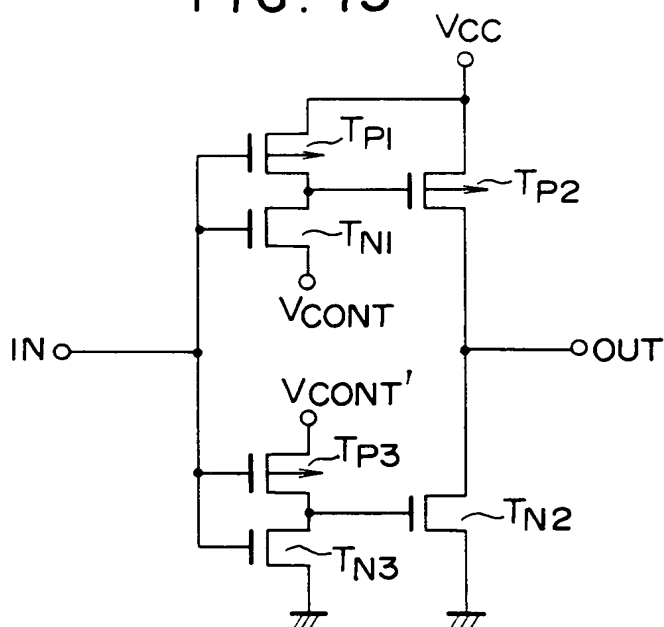


FIG. 17

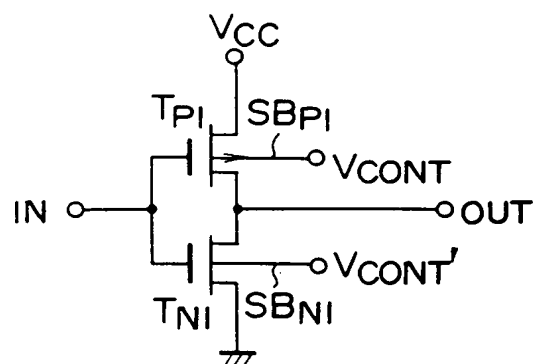


FIG. 16

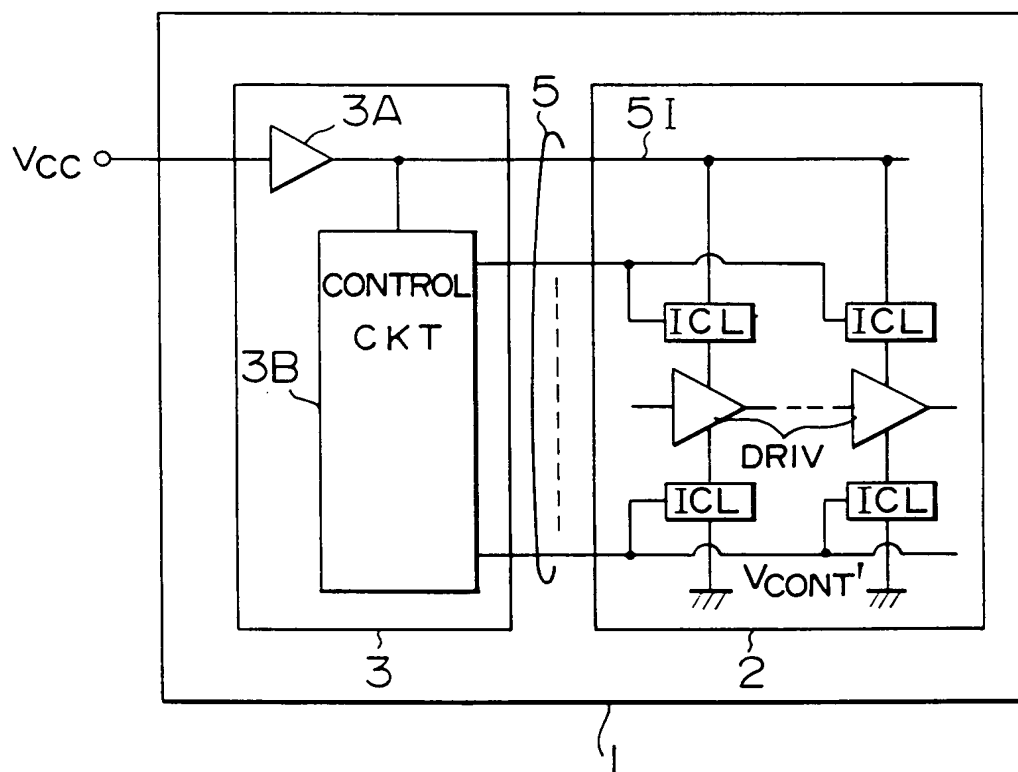


FIG. 18

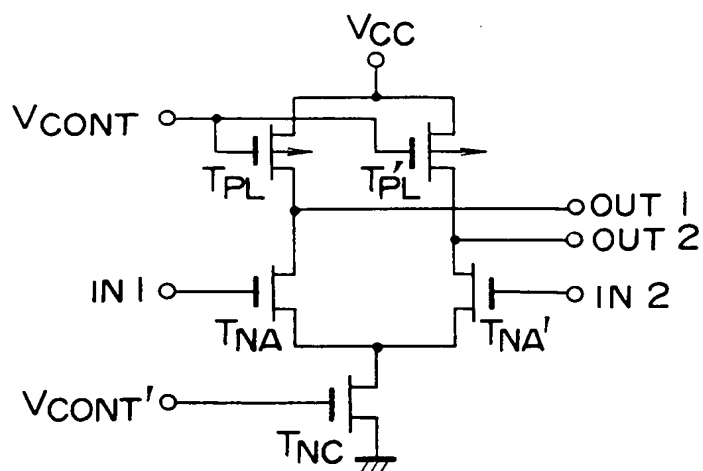


FIG. 19

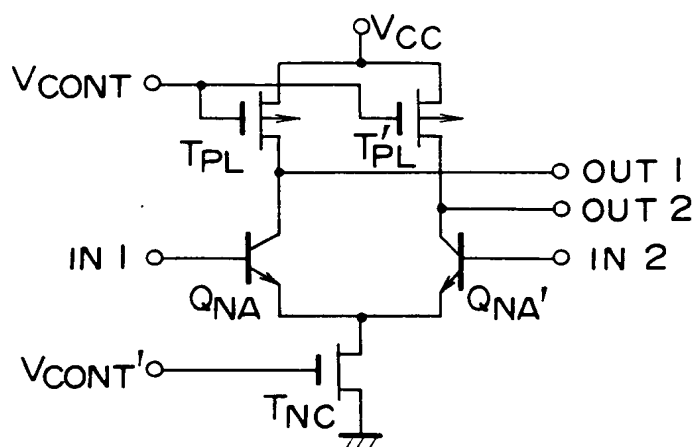


FIG. 20

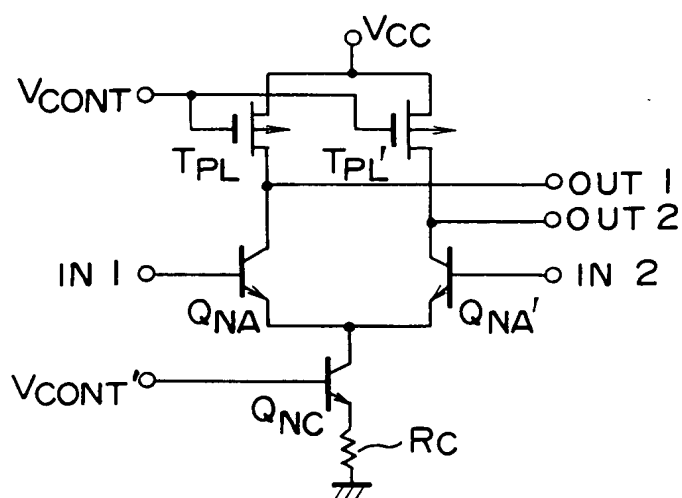


FIG. 21

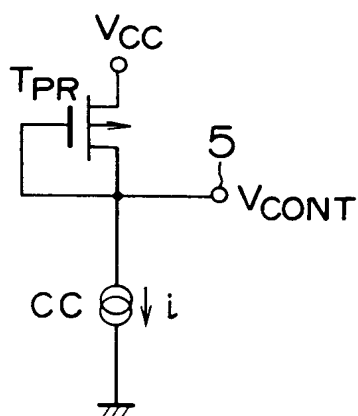


FIG. 22

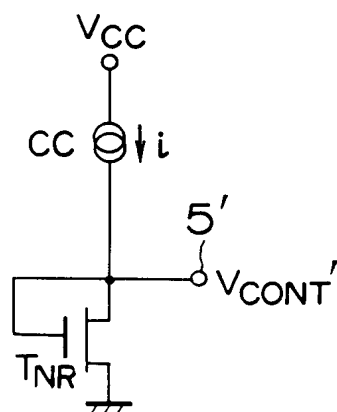


FIG. 23

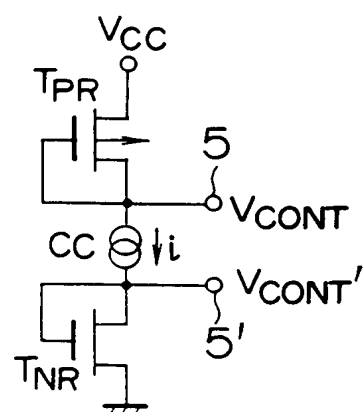


FIG. 24

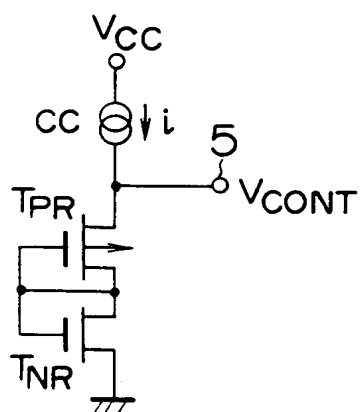


FIG. 25

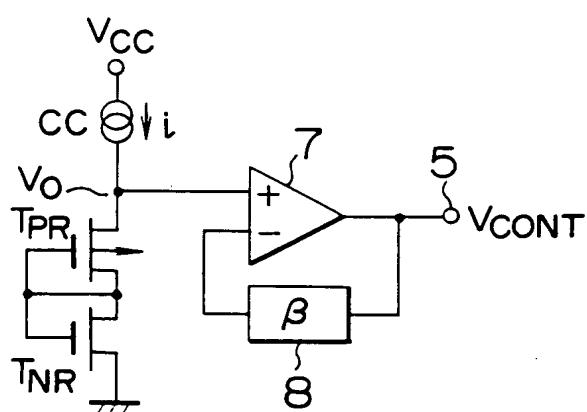


FIG. 26

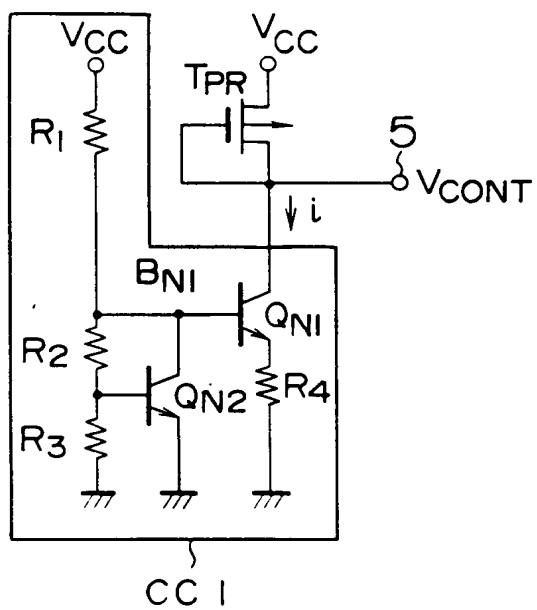


FIG. 27

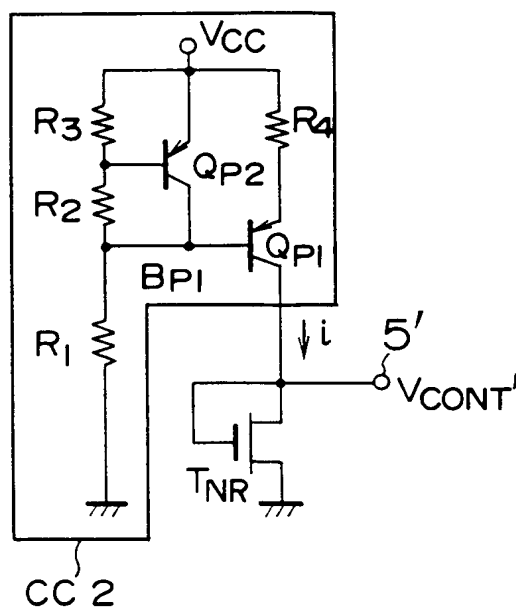


FIG. 28

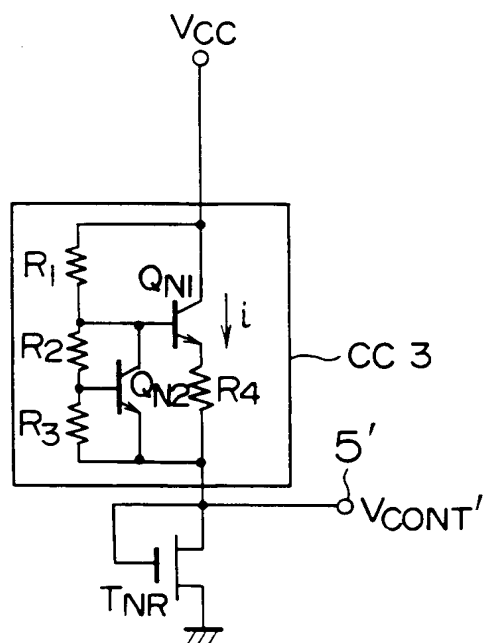


FIG. 29

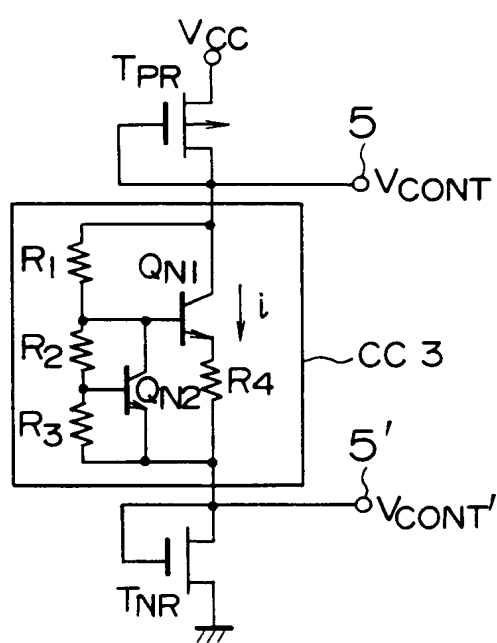


FIG. 30

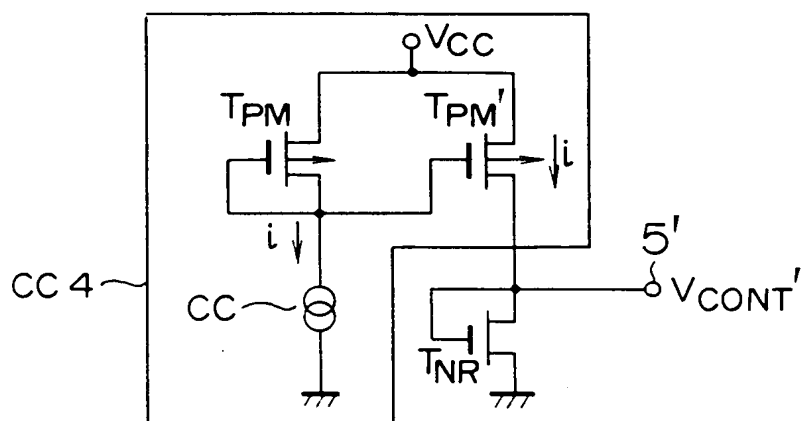


FIG. 31

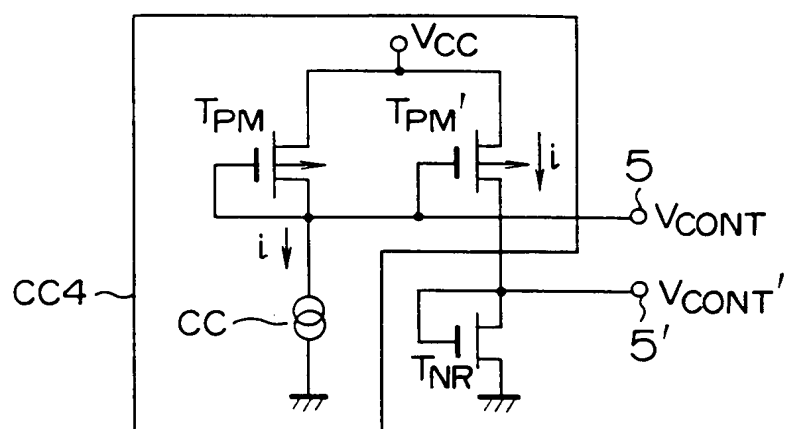


FIG. 32

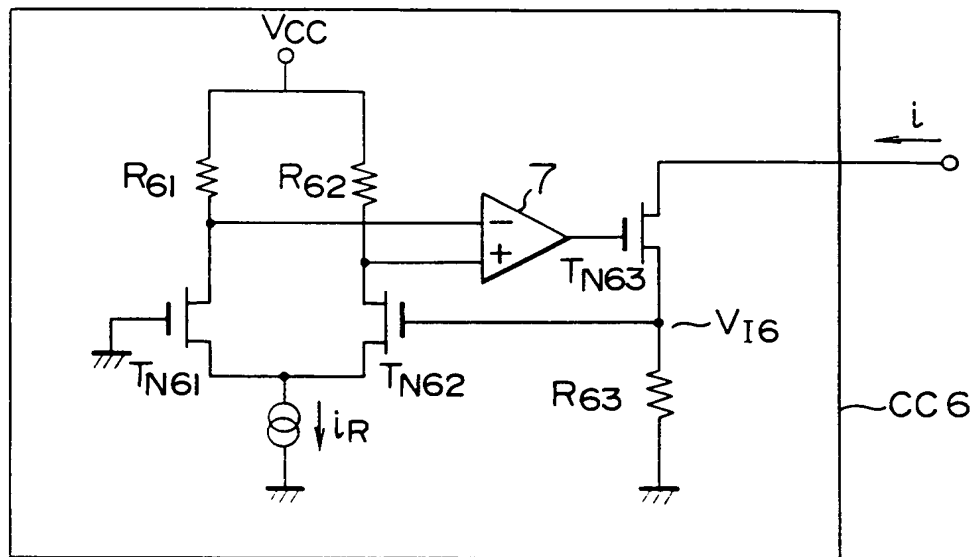


FIG. 33

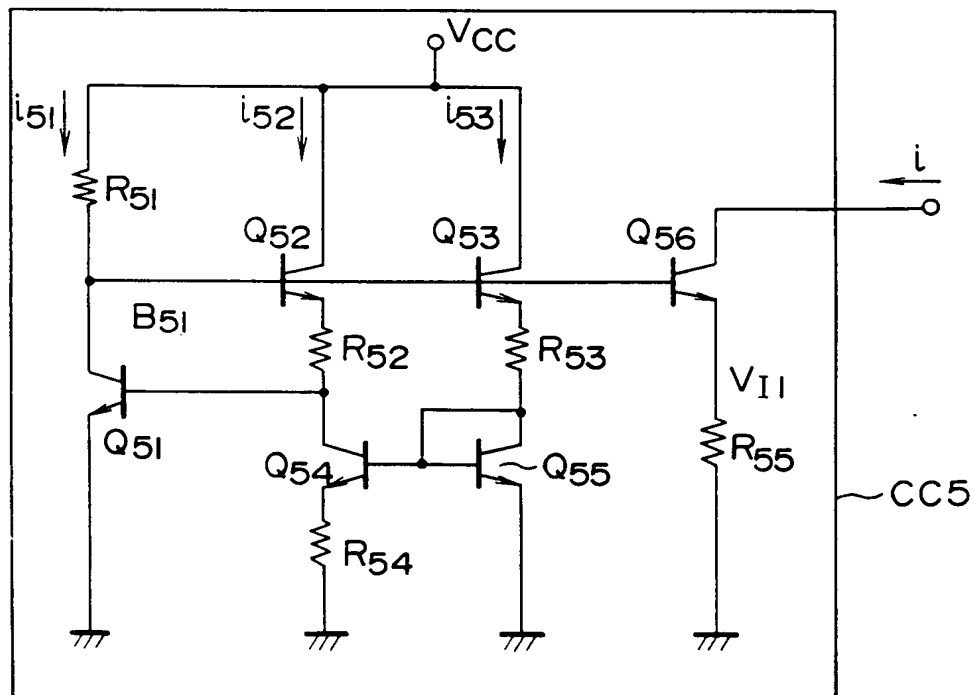


FIG. 34

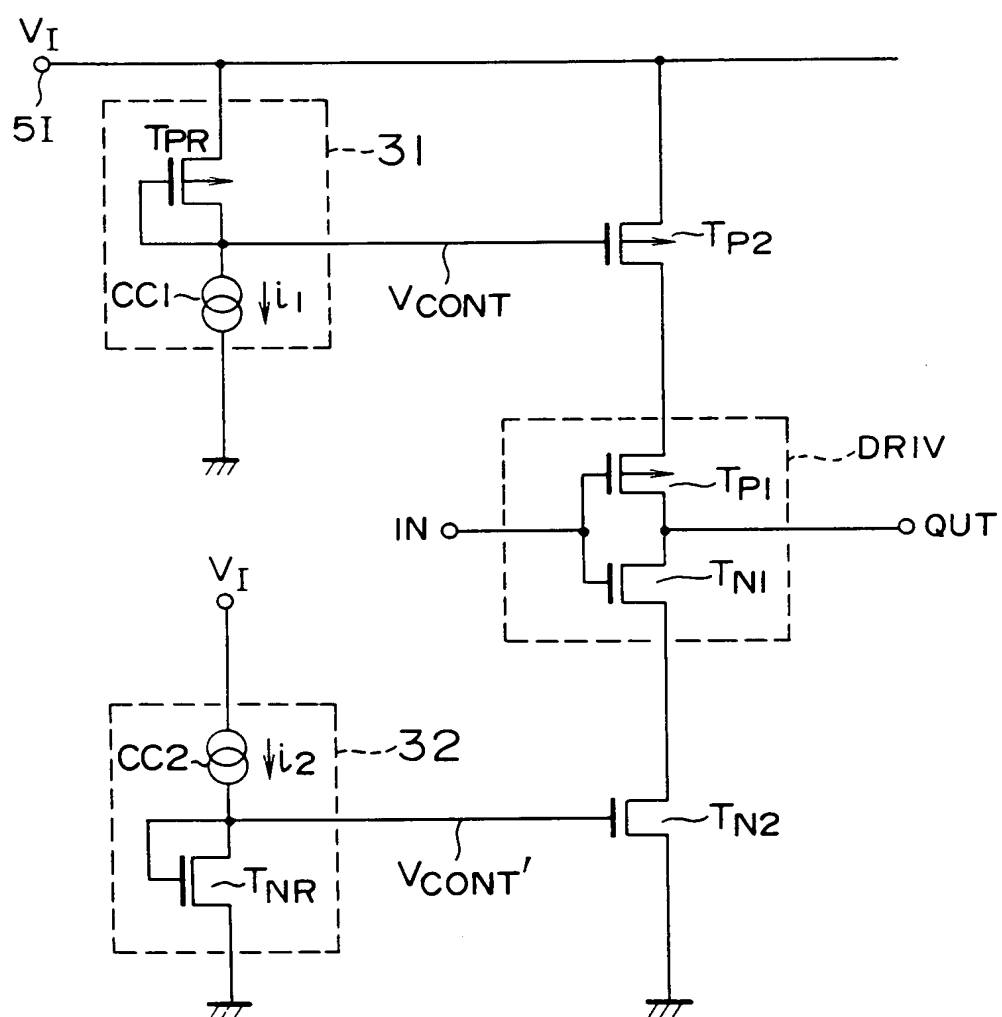


FIG. 35

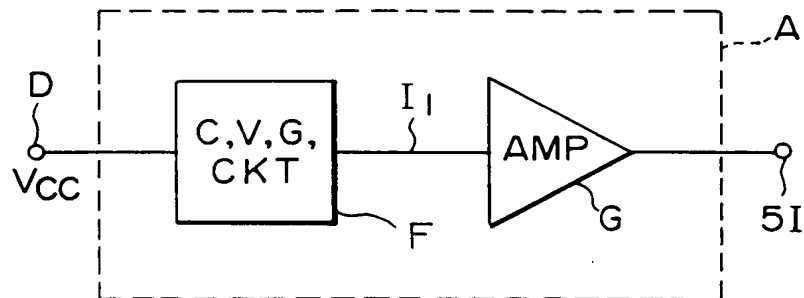


FIG. 36

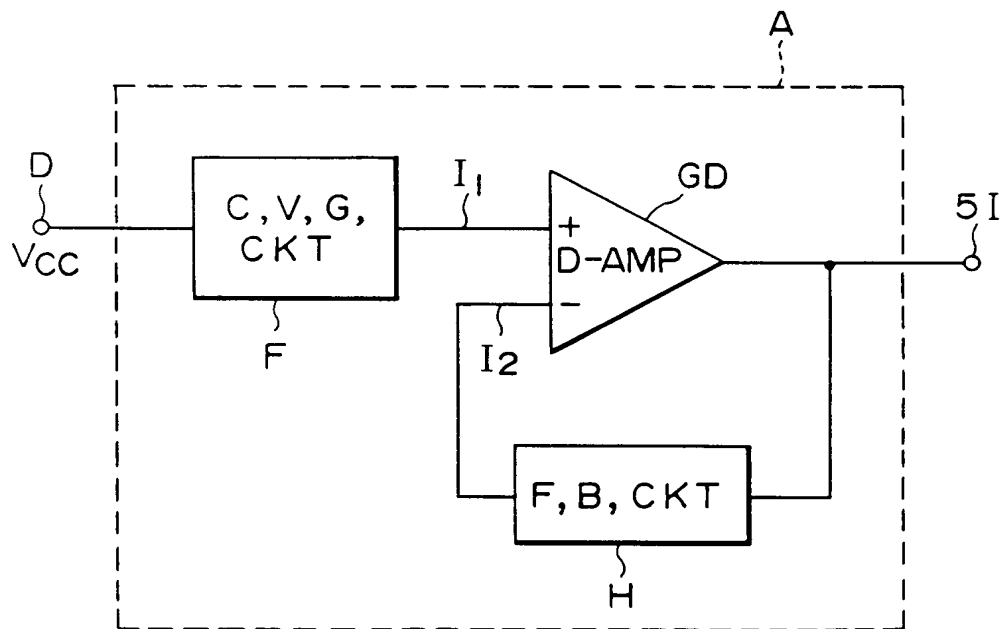


FIG. 37

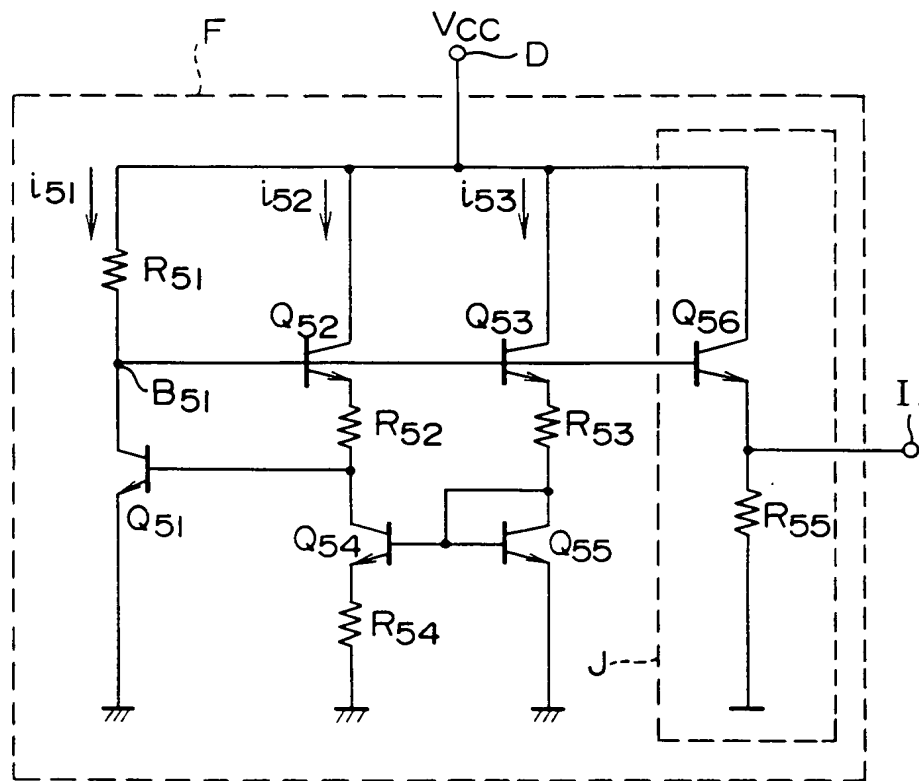


FIG. 38

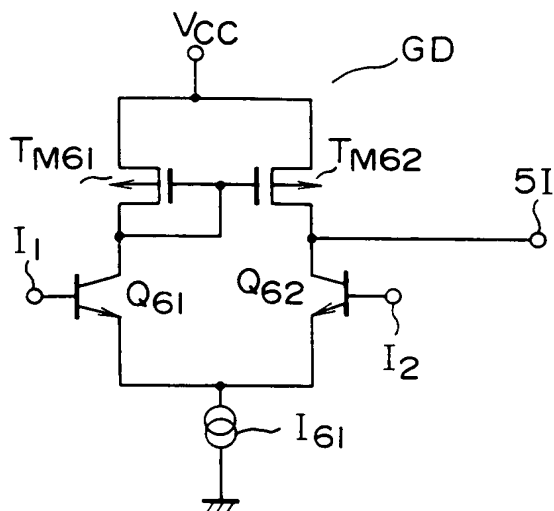


FIG. 39

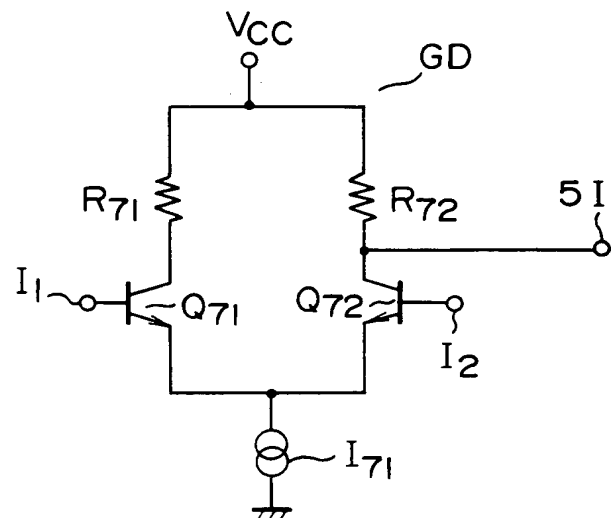


FIG. 44

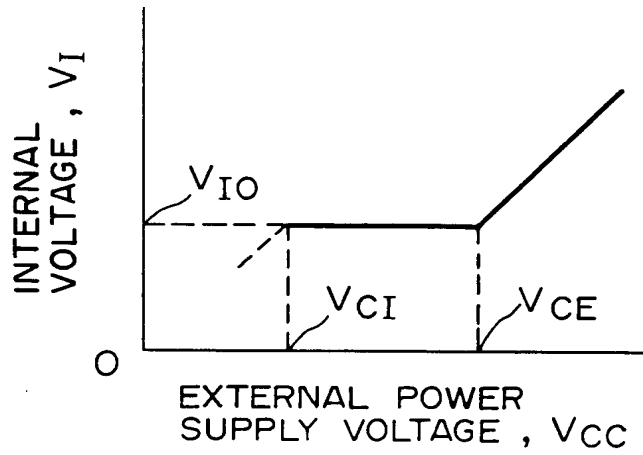


FIG. 45

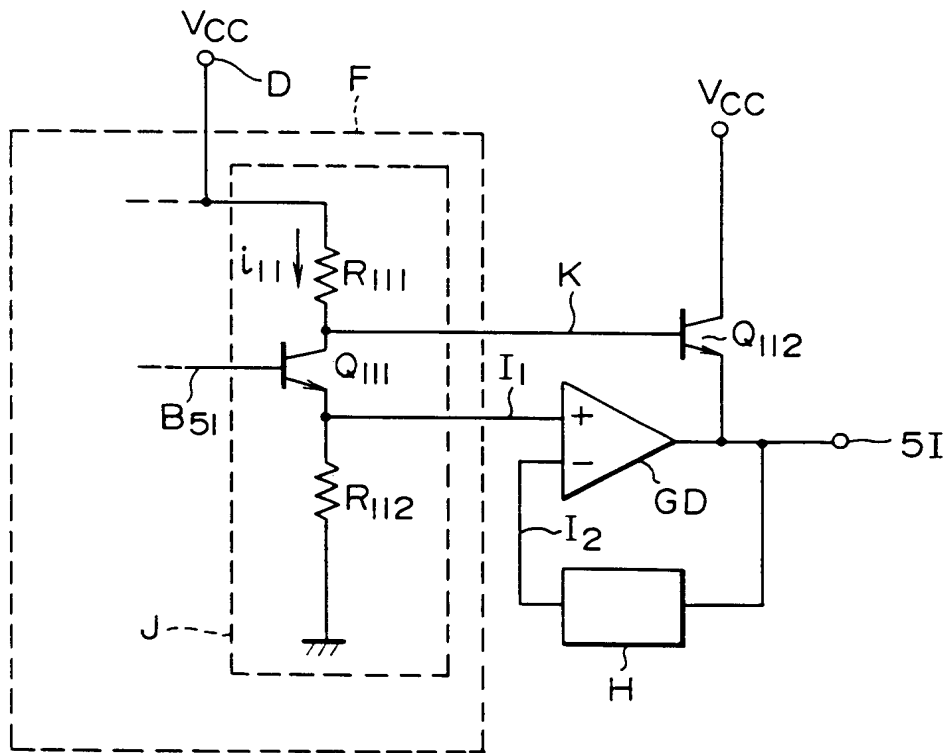


FIG. 46

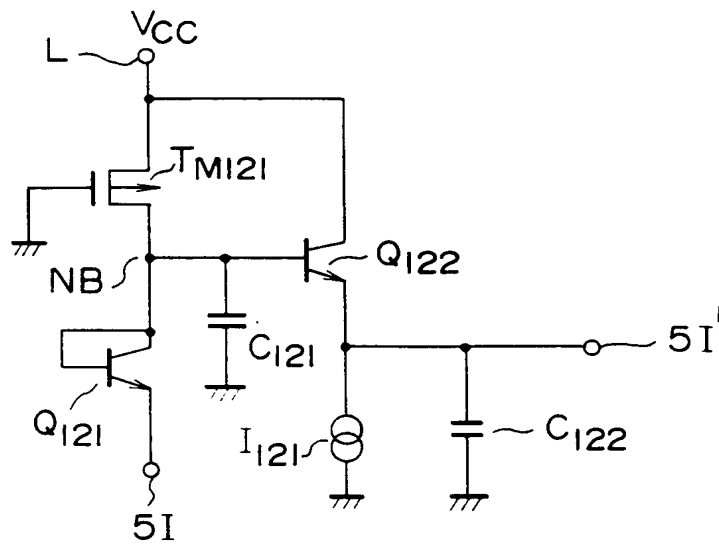


FIG. 47

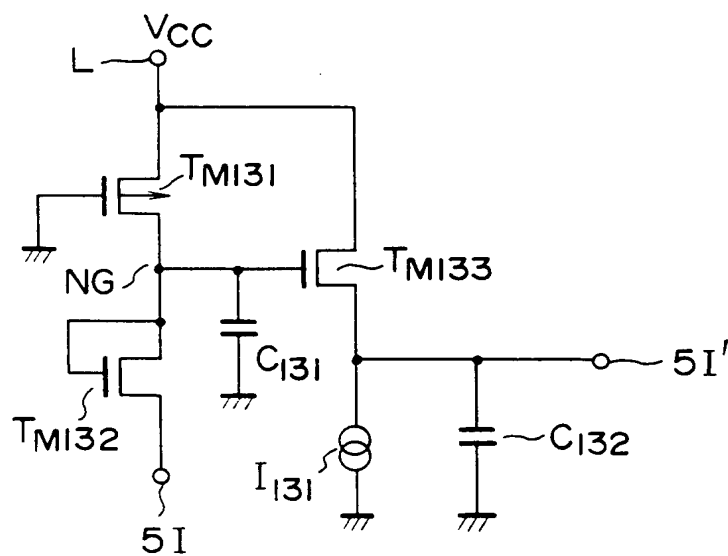


FIG. 48

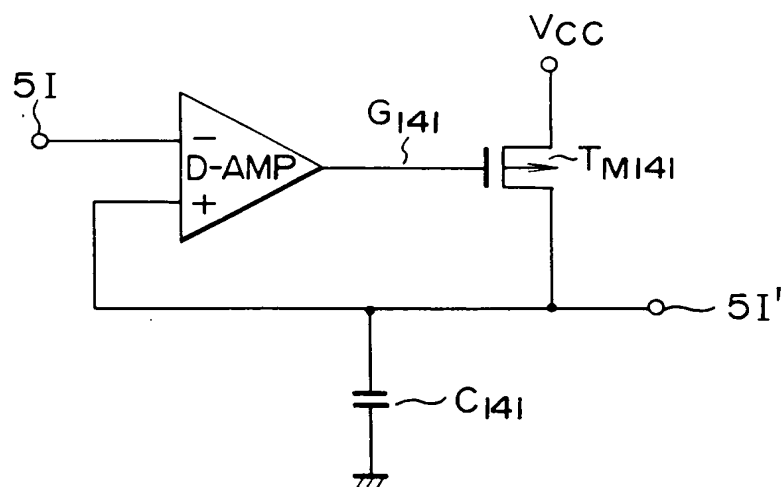


FIG. 49

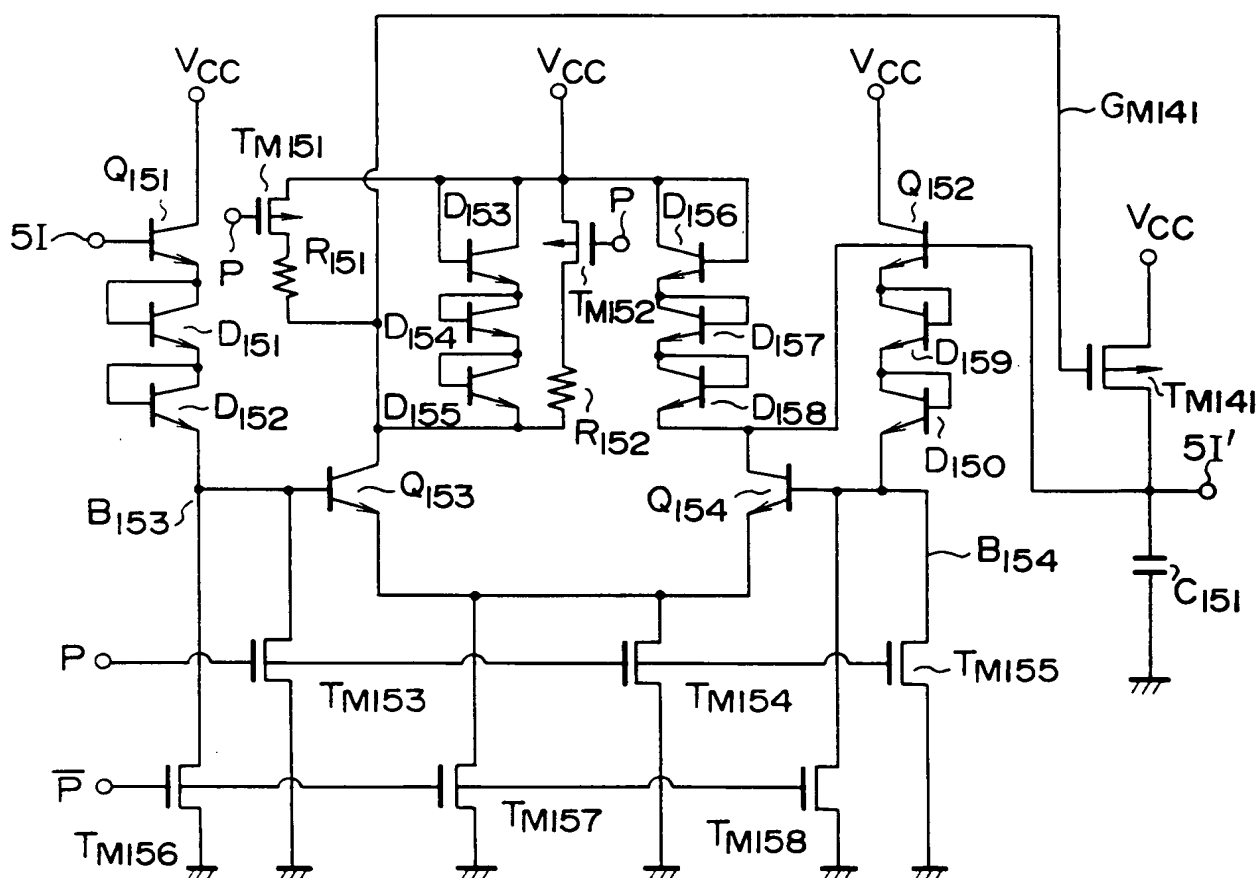


FIG. 50A

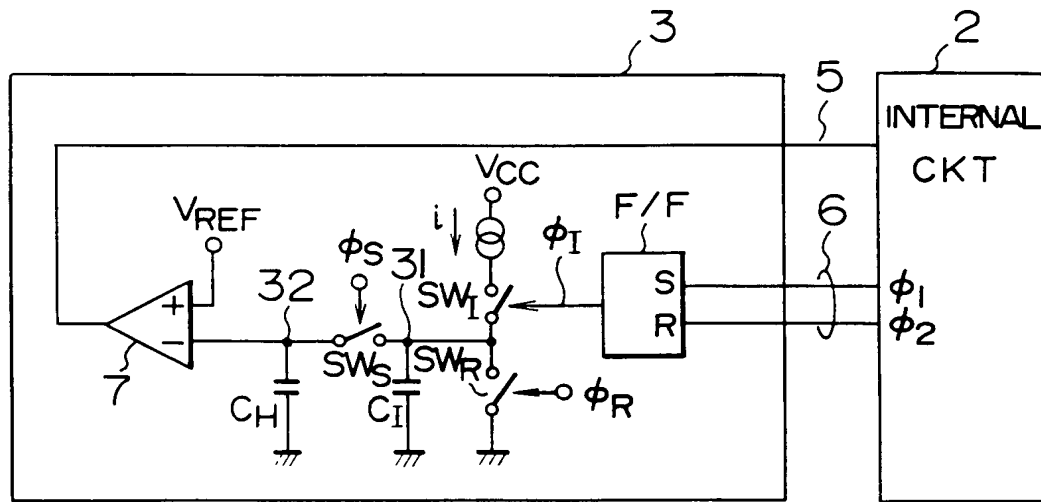


FIG. 50B

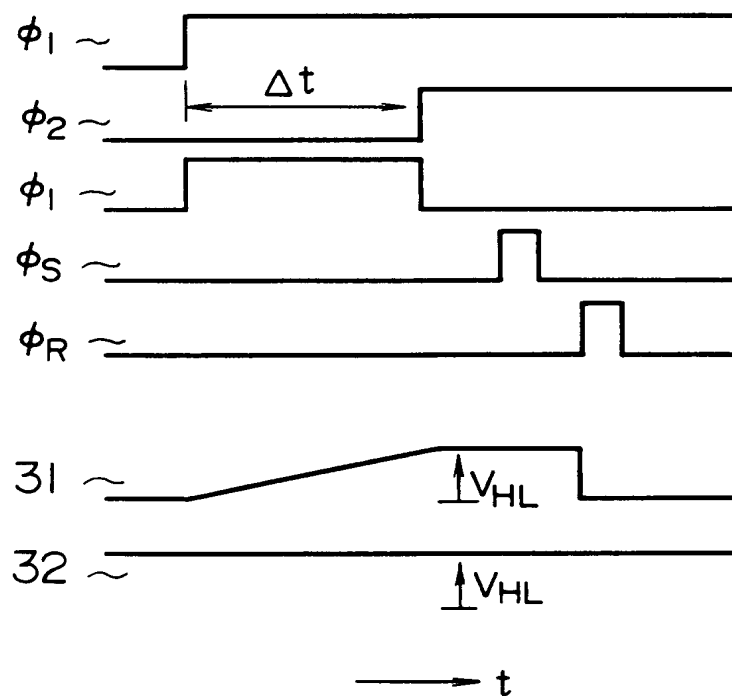


FIG. 51

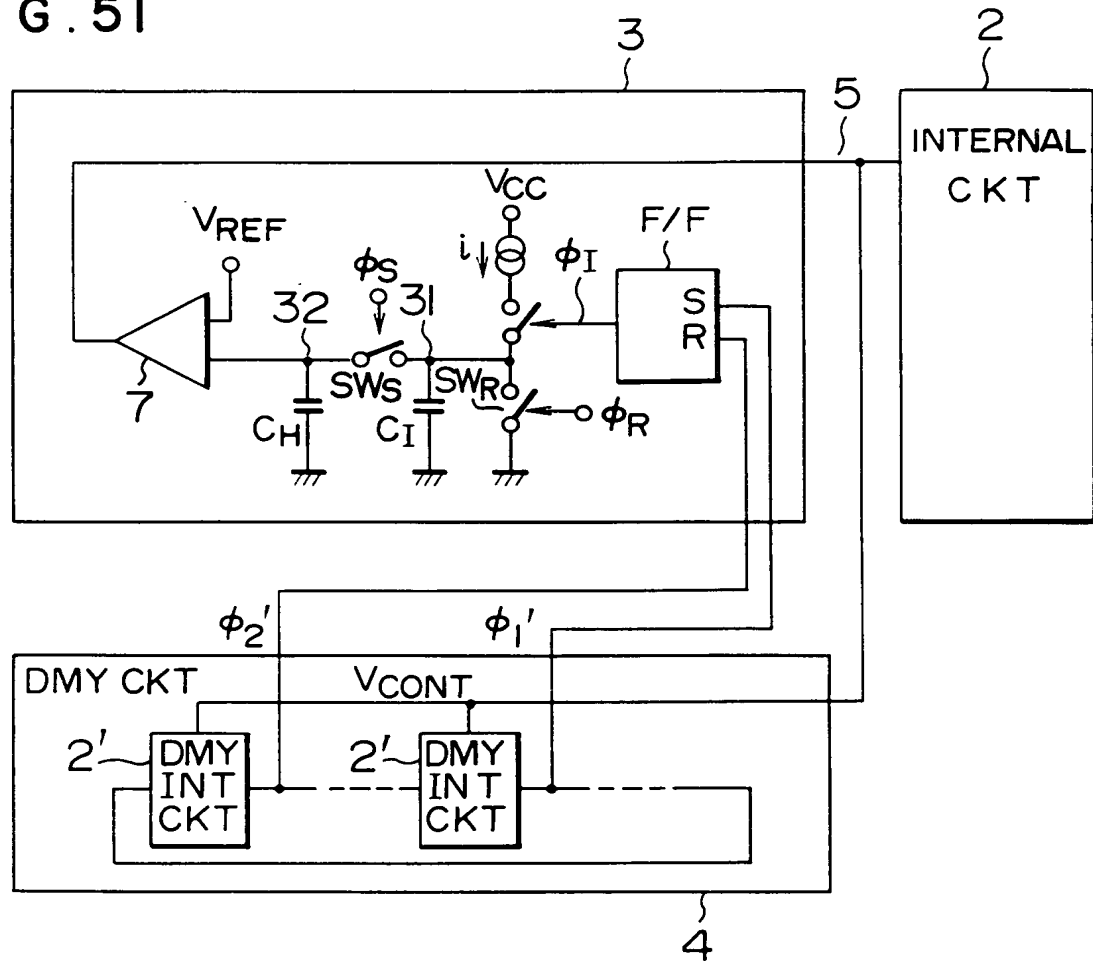


FIG. 52

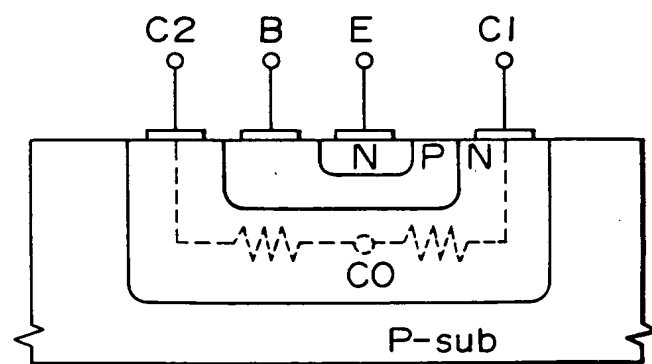
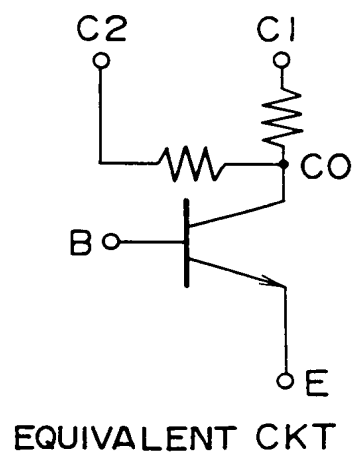


FIG. 54

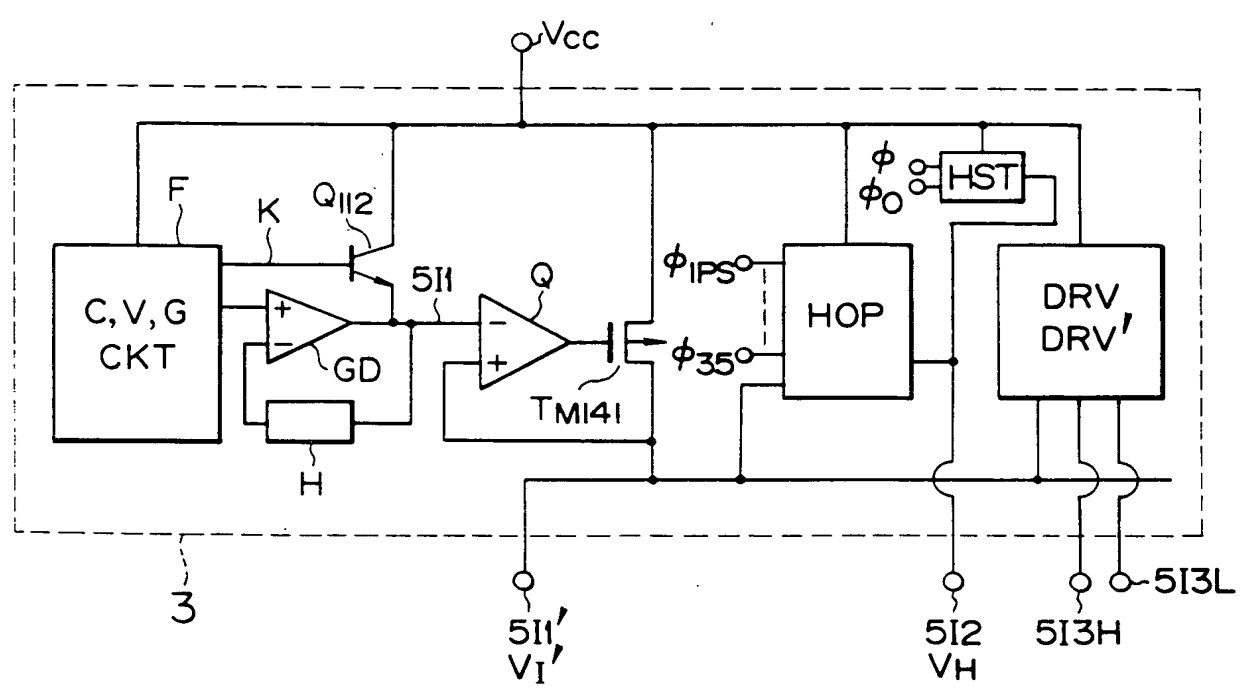


FIG. 55

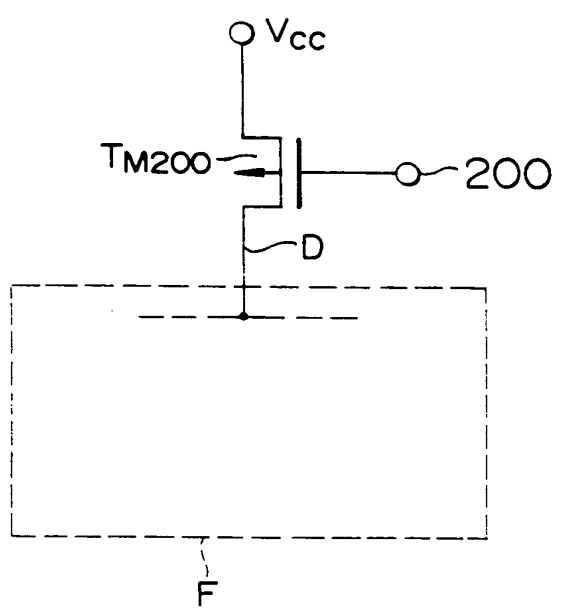


FIG. 56

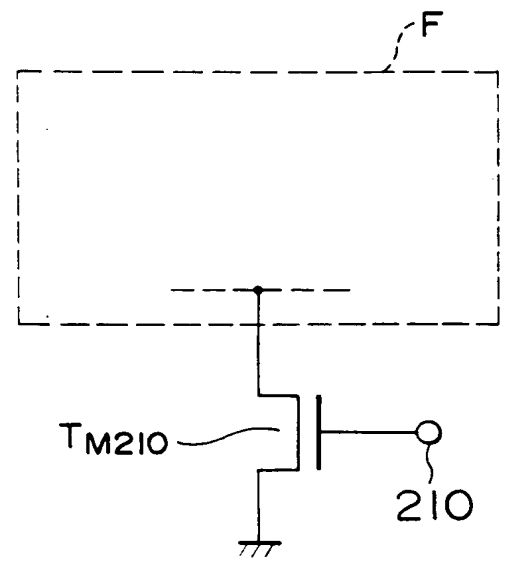


FIG. 57

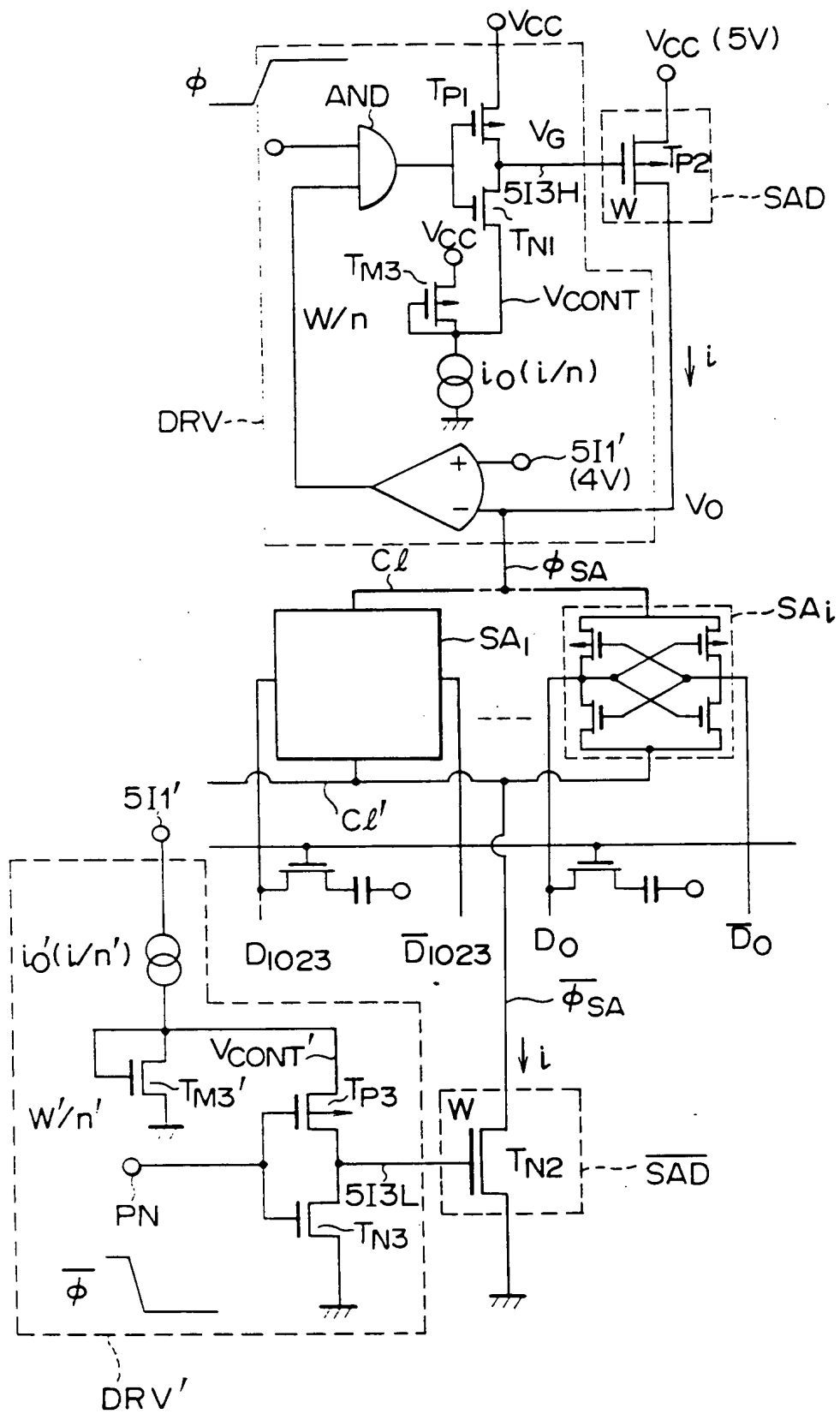


FIG. 58

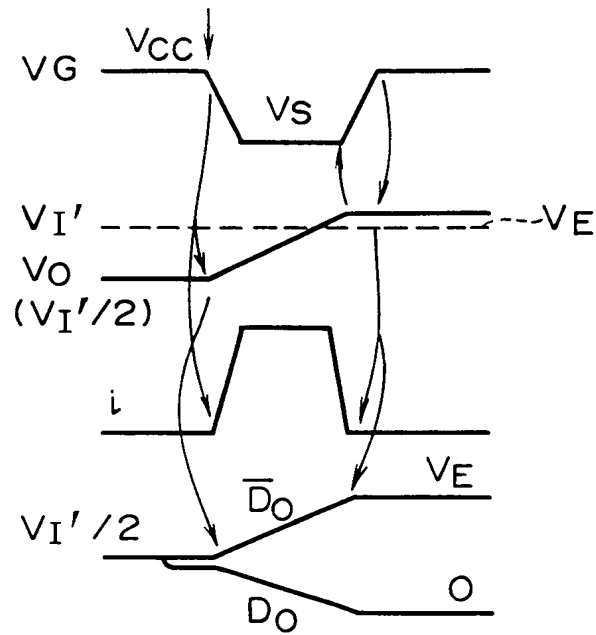


FIG. 59

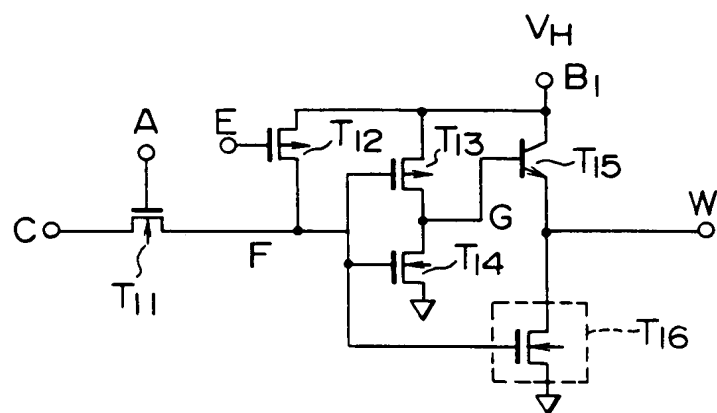


FIG. 60

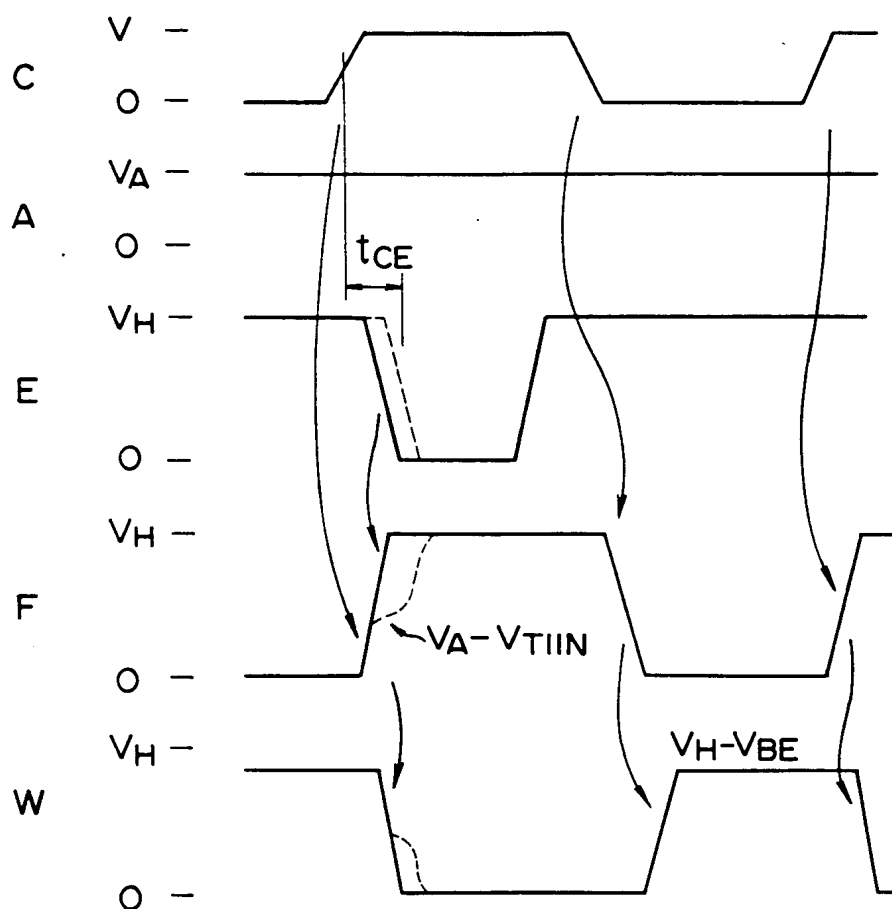


FIG. 61

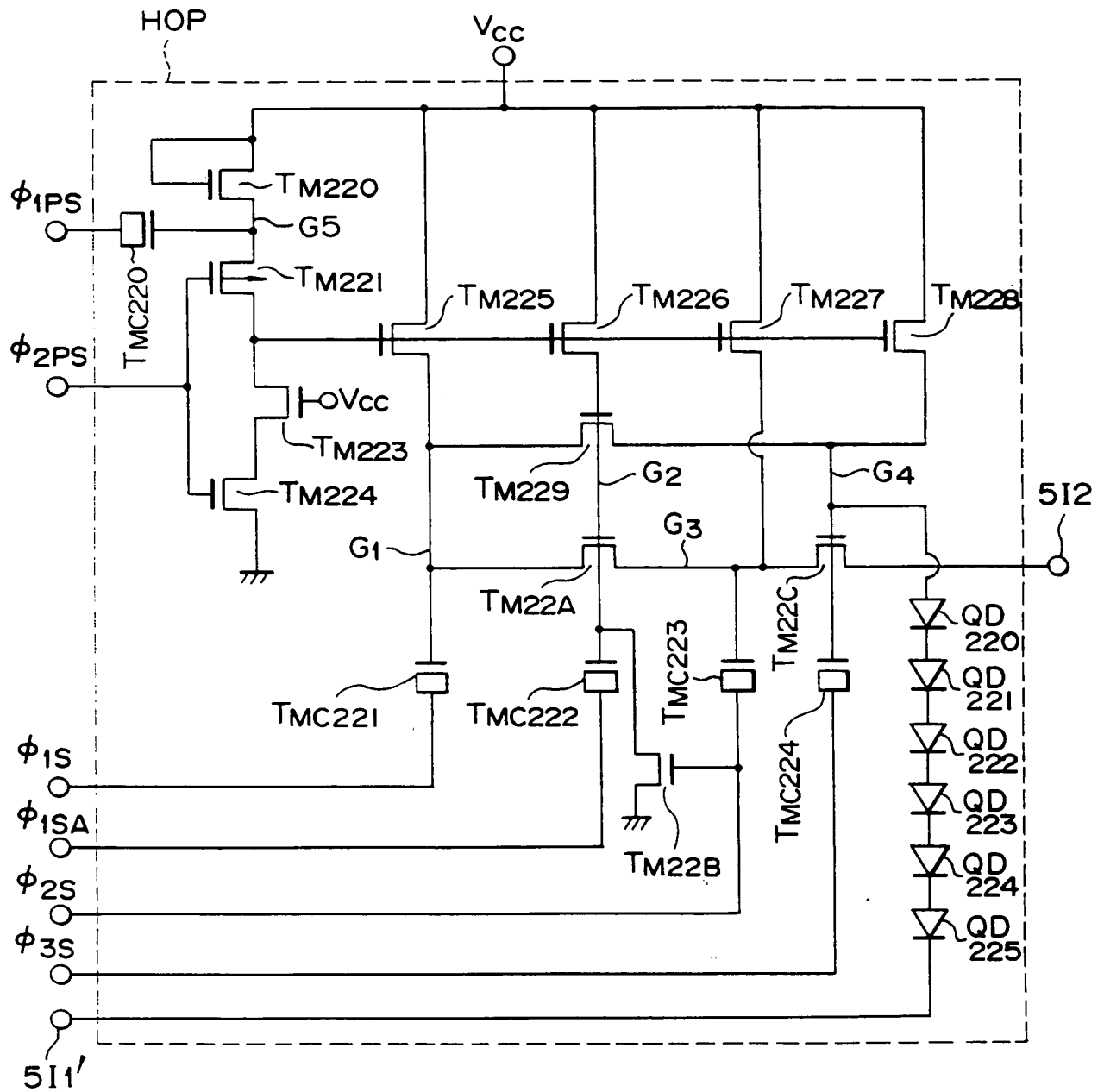


FIG. 62

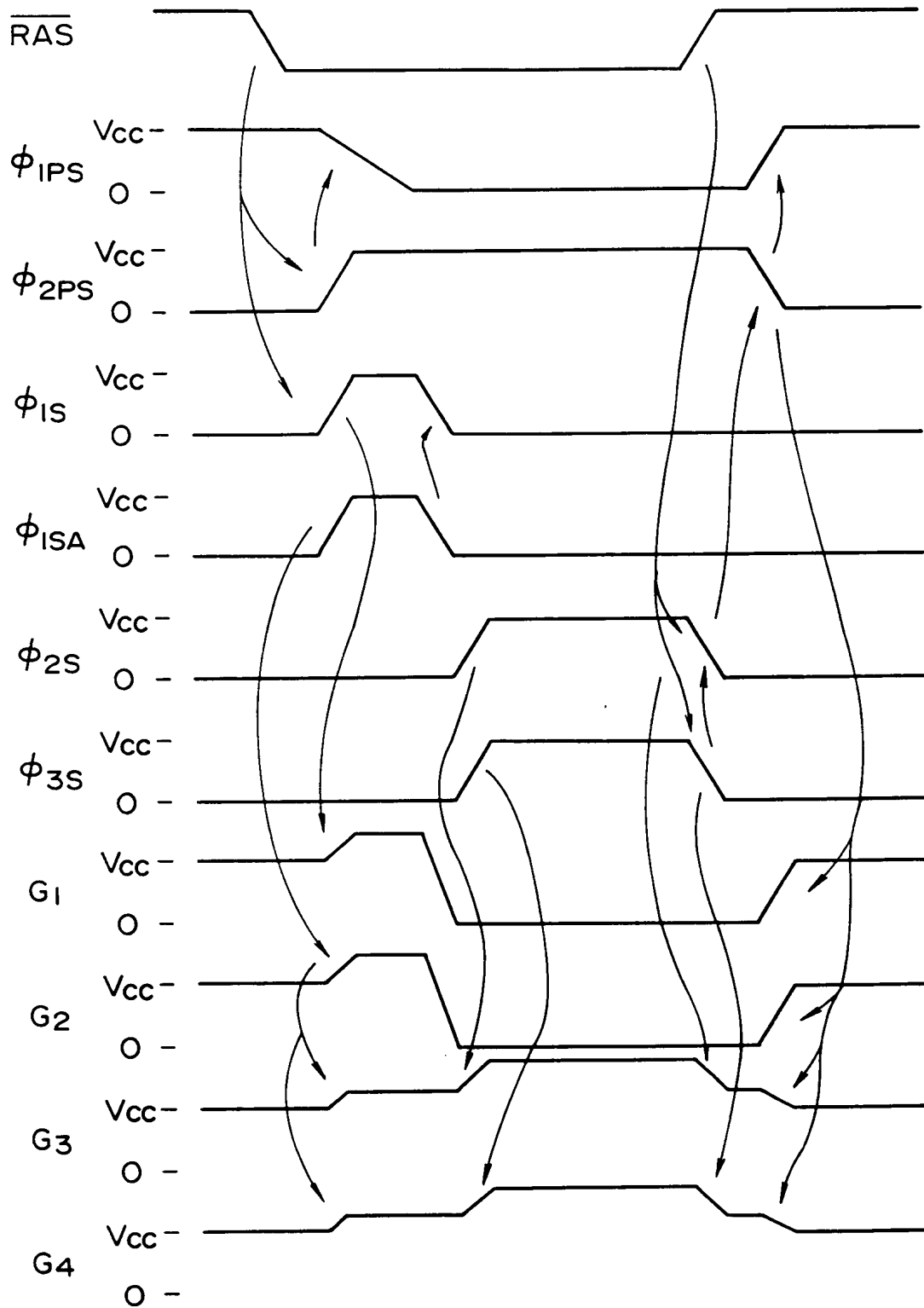


FIG. 63

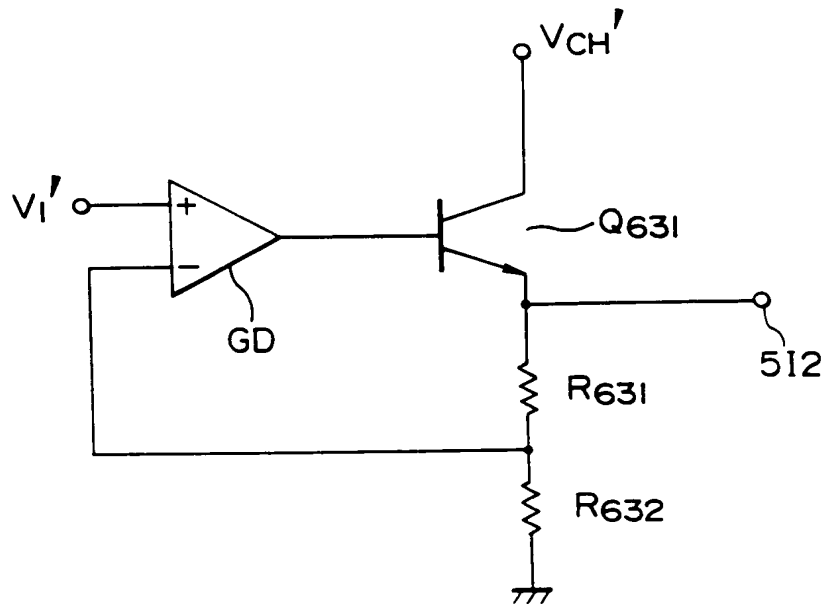


FIG. 66

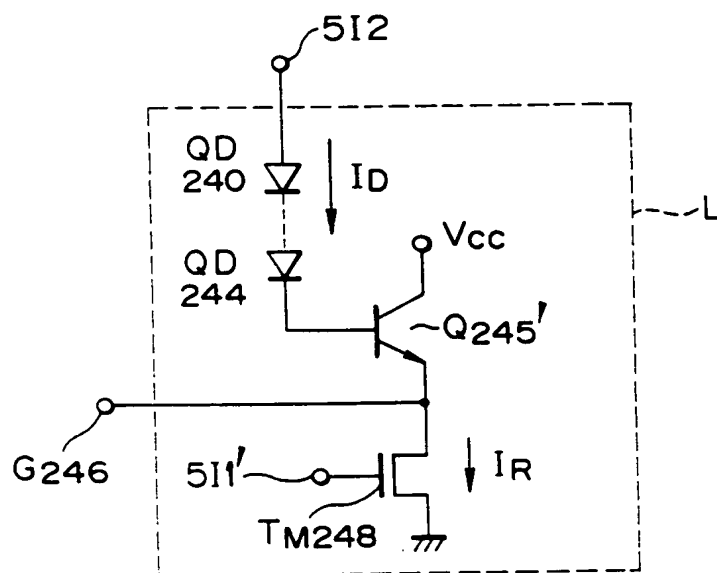


FIG. 64

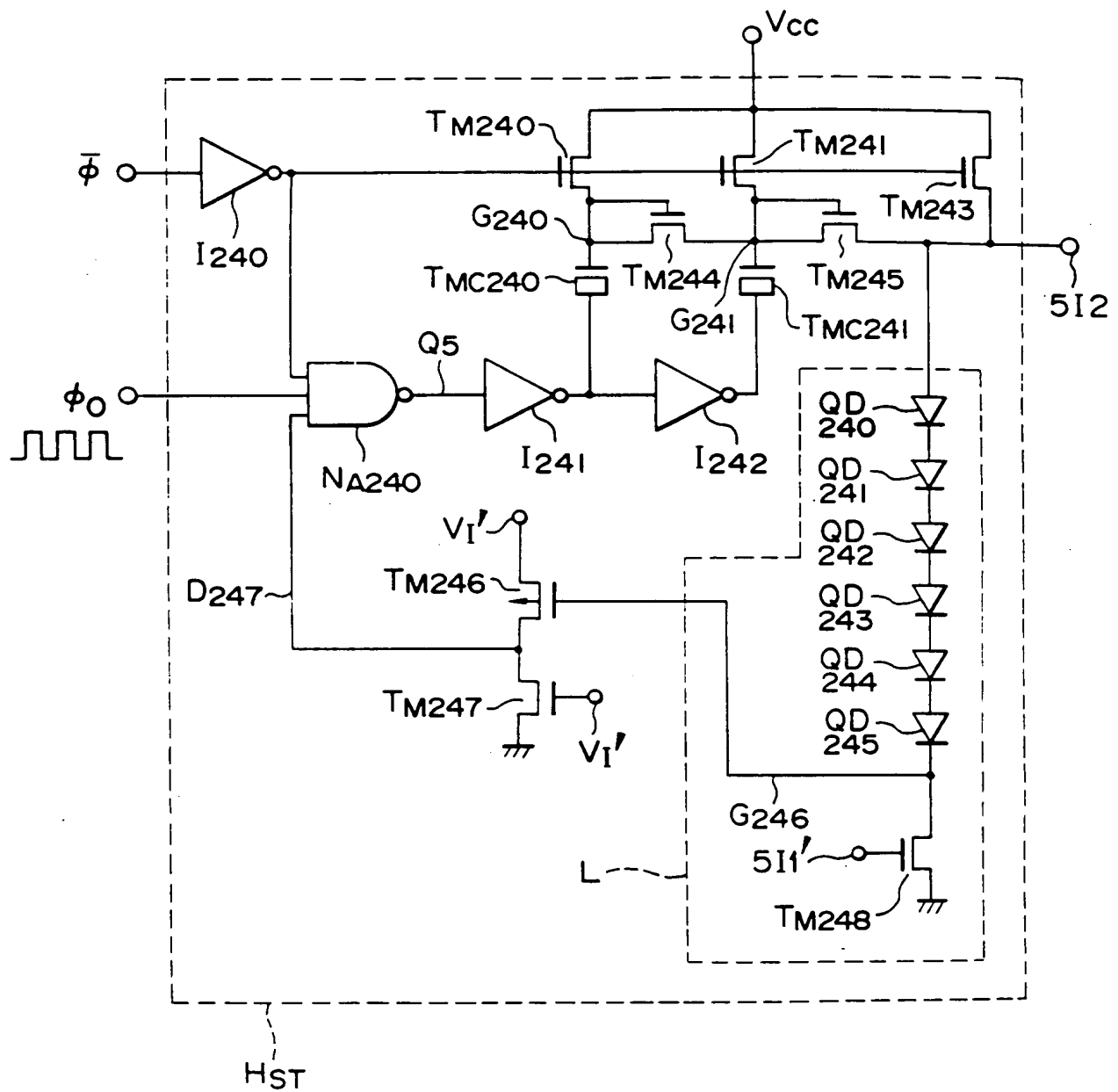


FIG. 65

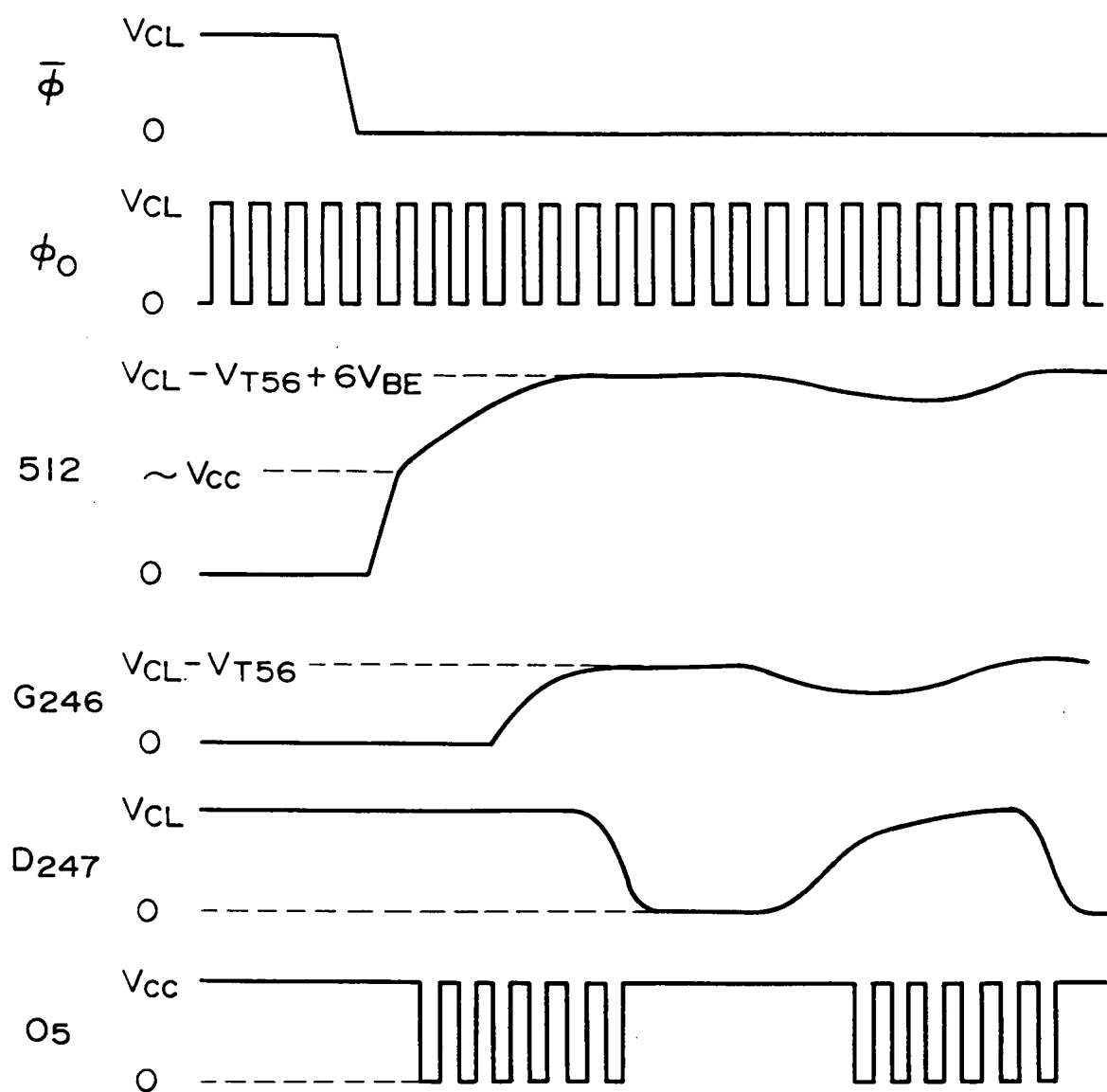


FIG. 67

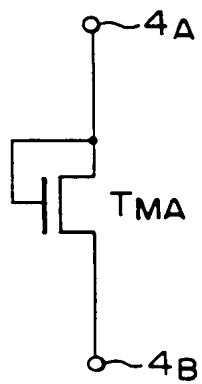


FIG. 68

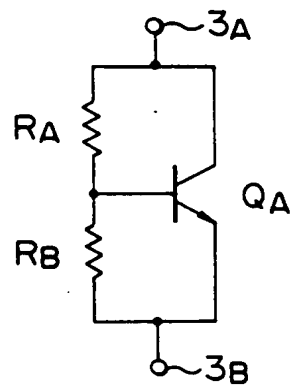


FIG. 69

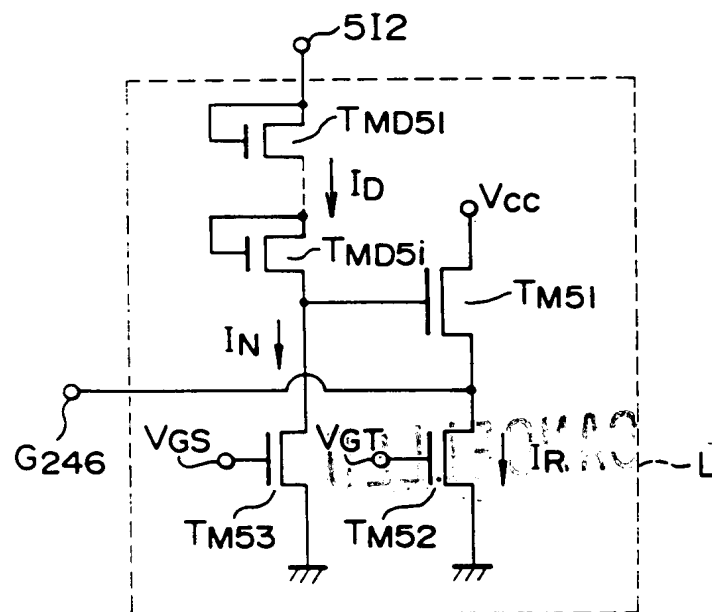


FIG. 70

